

DERWENT-ACC-NO: 1998-379796

DERWENT-WEEK: 199833

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TITLE: Polyamide film for food packaging - comprising polyamide resin mixture comprising nylon-46, nylon-6 and/or nylon-66, and copolymer of nylon-6 and nylon-66

PATENT-ASSIGNEE: TEIJIN LTD[TEIJ]

PRIORITY-DATA: 1996JP-0267217 (October 8, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 10110096 A	April 28, 1998	N/A	007	C08L 077/00

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP 10110096A	N/A	1996JP-0267217	October 8, 1996

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ABSTRACTED-PUB-NO: JP 10110096A

BASIC-ABSTRACT:

A polyamide film consists of a polyamide resin mixt. consisting of: (A1) 40-90 wt.% nylon-46 resin; (A2) 60-10 wt.% nylon-6 and/or nylon-66 resin; and (A-3) 0-20 wt.% copolymer of a nylon-6 and a nylon-66. (A1)+(A2)+(A3) = 100. (A2)+(A3) > 60. The polyamide film has the concn. of an amine component evolved from a 1 cm² film on heat treatment at 120 deg. C for one hour of 10 ppm or less per cm³.

USE - The polyamide film is used in packaging foods. The polyamide film is produced by the inflation method or the flat film die method.

ADVANTAGE - The polyamide film has less amine component evolved on heating.

The resulting polyamide film has improved mechanical strengths, heat resistance and less bad smell evolved on heating. Less bad smell is evolved from the film even if the food-packed film is heated.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: POLYAMIDE FILM FOOD PACKAGE COMPRISE POLYAMIDE
RESIN MIXTURE

COMPRISE NYLON NYLON NYLON COPOLYMER NYLON NYLON

DERWENT-CLASS: A23 A92

CPI-CODES: A05-F02; A07-A03C; A12-P01A;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

018 ; P0680 P1934 P0635 F70 D01 D11 D10 D50 D90 E13 E00 ; S9999
S1285*R ; S9999 S1296 S1285

Polymer Index [1.2]

018 ; P0646 P1934 P0635 F70 D01 D11 D10 D50 D86 ; S9999 S1285*R
; S9999 S1296 S1285

Polymer Index [1.3]

018 ; P0691 P1934 P0635 F70 D01 D11 D10 D50 D92 E13 E00 ; S9999
S1285*R ; S9999 S1296 S1285

Polymer Index [1.4]

018 ; P0726 P1934 P0635 F70 D01 D11 D10 D50 E13 E00 ; S9999 S1285*R
; S9999 S1296 S1285

Polymer Index [1.5]

018 ; ND01 ; Q9999 Q8560 Q8366 ; Q9999 Q7589*R ; K9745*R ; B9999
B4535 ; B9999 B4499 B4466 ; B9999 B4682 B4568 ; B9999 B4091*R B3838
B3747 ; N9999 N5970*R ; N9999 N5992 N5970

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